

09/485,640

FILE 'REGISTRY' ENTERED AT 07:25:11 ON 02 OCT 2000
USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.
PLEASE SEE "HELP USAGETERMS" FOR DETAILS.
COPYRIGHT (C) 2000 American Chemical Society (ACS)

STRUCTURE FILE UPDATES: 28 SEP 2000 HIGHEST RN 291743-61-8
DICTIONARY FILE UPDATES: 28 SEP 2000 HIGHEST RN 291743-61-8

TSCA INFORMATION NOW CURRENT THROUGH JANUARY 11, 2000

Please note that search-term pricing does apply when
conducting SmartSELECT searches.

Structure search limits have been increased. See HELP SLIMIT
for details.

=>

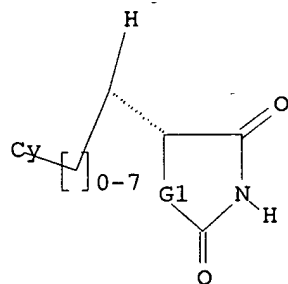
Uploading 09485640.str

L1 STRUCTURE UPLOADED

=> d

L1 HAS NO ANSWERS

L1 STR



G1 O,S

G2 N,CH

Structure attributes must be viewed using STN Express query preparation.

=> s l1

SAMPLE SEARCH INITIATED 07:25:35 FILE 'REGISTRY'
SAMPLE SCREEN SEARCH COMPLETED - 612 TO ITERATE

100.0% PROCESSED 612 ITERATIONS
INCOMPLETE SEARCH (SYSTEM LIMIT EXCEEDED)
SEARCH TIME: 00.00.01

50 ANSWERS

FULL FILE PROJECTIONS: ONLINE **COMPLETE**
BATCH **COMPLETE**
PROJECTED ITERATIONS: 10757 TO 13723

L2 50 SEA SSS SAM L1

=> d scan

L2 50 ANSWERS REGISTRY COPYRIGHT 2000 ACS

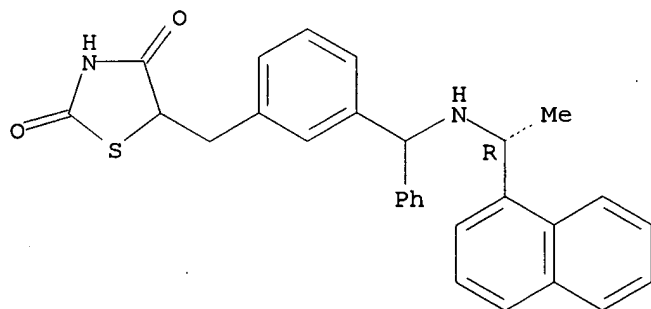
IN 2,4-Thiazolidinedione,

5-[[3-[[[(1R)-1-(1-naphthalenyl)ethyl]amino]phenylmethyl]phenyl]methyl]- (9CI)

MF C29 H26 N2 O2 S

CI COM

Absolute stereochemistry.

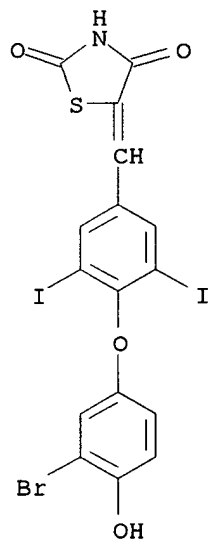


HOW MANY MORE ANSWERS DO YOU WISH TO SCAN? (1):1

L2 50 ANSWERS REGISTRY COPYRIGHT 2000 ACS

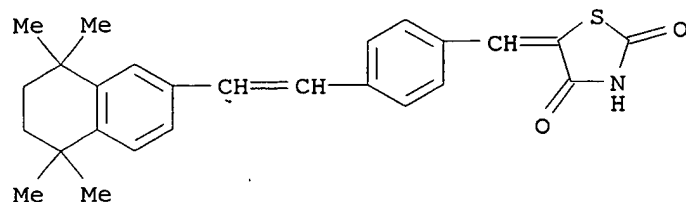
IN 2,4-Thiazolidinedione, 5-[[4-(3-bromo-4-hydroxyphenoxy)-3,5-diiodophenyl]methylene]- (9CI)

MF C16 H8 Br I2 N O4 S



HOW MANY MORE ANSWERS DO YOU WISH TO SCAN? (1):1

L2 50 ANSWERS REGISTRY COPYRIGHT 2000 ACS
IN 2,4-Thiazolidinedione,
5-[[4-[2-(5,6,7,8-tetrahydro-5,5,8,8-tetramethyl-2-naphthalenyl)ethenyl]phenyl]methylene]- (9CI)
MF C26 H27 N O2 S



HOW MANY MORE ANSWERS DO YOU WISH TO SCAN? (1):0

=> s l1 ful

FULL SEARCH INITIATED 07:26:35 FILE 'REGISTRY'
FULL SCREEN SEARCH COMPLETED - 12017 TO ITERATE

100.0% PROCESSED 12017 ITERATIONS
SEARCH TIME: 00.00.01

4976 ANSWERS

L3 4976 SEA SSS FUL L1

=> file ca,uspatful

COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	126.90	127.05

FILE 'CA' ENTERED AT 07:26:42 ON 02 OCT 2000
USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.
PLEASE SEE "HELP USAGETERMS" FOR DETAILS.
COPYRIGHT (C) 2000 AMERICAN CHEMICAL SOCIETY (ACS)

FILE 'USPATFULL' ENTERED AT 07:26:42 ON 02 OCT 2000
CA INDEXING COPYRIGHT (C) 2000 AMERICAN CHEMICAL SOCIETY (ACS)

=> s l3

L4 1435 L3

=> s inflammat? or antiinflammat? or tnf? or tumor necrosis factor?

L5 177003 INFLAMMAT? OR ANTIINFLAMMAT? OR TNF? OR TUMOR NECROSIS FACTOR?

=> s l4(l)l5

L6 40 L4(L) L5

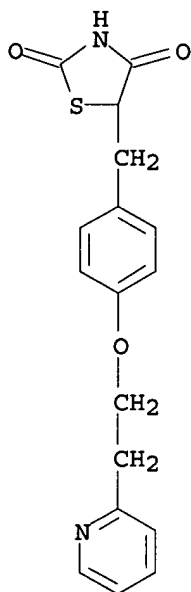
=> dup rem l6

PROCESSING COMPLETED FOR L6

L7 40 DUP REM L6 (0 DUPLICATES REMOVED)

L4 ANSWER 1 OF 1 REGISTRY COPYRIGHT 2003 ACS
RN 105167-68-8 REGISTRY
CN 2,4-Thiazolidinedione, 5-[[4-[2-(ethyl-2-pyridinyl)ethoxy]phenyl]methyl]-
(9CI) (CA INDEX NAME)
MF C19 H20 N2 O3 S
CI IDS
SR CA
LC STN Files: ADISINSIGHT, CA, CAPLUS, USPAT2, USPATFULL

PAGE 1-A



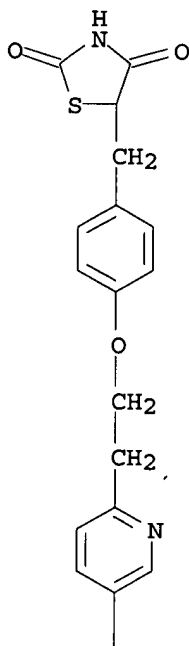
PAGE 2-A

D1-Et

2 REFERENCES IN FILE CA (1957 TO DATE)
2 REFERENCES IN FILE CAPLUS (1957 TO DATE)

L7 ANSWER 1 OF 1 REGISTRY COPYRIGHT 2003 ACS
 RN 111025-46-8 REGISTRY
 CN 2,4-Thiazolidinedione,
 5-[[4-[2-(5-ethyl-2-pyridinyl)ethoxy]phenyl]methyl]-
 (9CI) (CA INDEX NAME)
 OTHER CA INDEX NAMES:
 CN 2,4-Thiazolidinedione,
 5-[[4-[2-(5-ethyl-2-pyridinyl)ethoxy]phenyl]methyl]-
 , (.+-.)-
 OTHER NAMES:
 CN Pioglitazone
 CN U 72107
 FS 3D CONCORD
 DR 105355-27-9, 198077-89-3
 MF C19 H20 N2 O3 S
 CI COM
 SR US Adopted Names Council
 LC STN Files: ADISINSIGHT, ADISNEWS, AGRICOLA, ANABSTR, BEILSTEIN*,
 BIOBUSINESS, BIOSIS, BIOTECHNO, CA, CANCERLIT, CAPLUS, CASREACT, CBNB,
 CEN, CHEMCATS, CIN, CSCHEM, DDFU, DIOGENES, DRUGNL, DRUGPAT, DRUGU,
 DRUGUPDATES, EMBASE, IPA, MEDLINE, MRCK*, PHAR, PROMT, SYNTHLINE,
 TOXCENTER, USAN, USPAT2, USPATFULL
 (*File contains numerically searchable property data)
 Other Sources: WHO

PAGE 1-A



instant compound

PAGE 2-A

Et

L21 ANSWER 20 OF 39 CAPLUS COPYRIGHT 2003 ACS

ACCESSION NUMBER: 1994:161755 CAPLUS

DOCUMENT NUMBER: 120:161755

TITLE: manufacture of pioglitazone metabolites with a novel
Streptomyces hygroscopicus

INVENTOR(S): Johnson, Roy A.; Marshall, Vincent P.; Li, Grace P.

PATENT ASSIGNEE(S): Upjohn Co., USA

SOURCE: PCT Int. Appl., 25 pp.

CODEN: PIXXD2

DOCUMENT TYPE: Patent

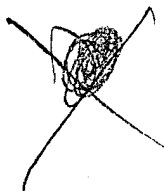
LANGUAGE: English

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

X

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
-----	---	-----	-----	-----
WO 9322445	A1	19931111	WO 1993-US3569	19930421
W: AT, AU, BB, BG, BR, CA, CH, CZ, DE, DK, ES, FI, GB, HU, JP, KP, KR, LK, LU, MG, MN, MW, NL, NO, NZ, PL, PT, RO, RU, SD, SE, SK, UA, US, VN				
RW: AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, ML, MR, NE, SN, TD, TG				
AU 9341045	A1	19931129	AU 1993-41045	19930421
PRIORITY APPLN. INFO.:			US 1992-878952	19920505
			US 1992-882056	19920513
			WO 1993-US3569	19930421



L21 ANSWER 30 OF 39 CAPLUS COPYRIGHT 2003 ACS

ACCESSION NUMBER: 1993:6971 CAPLUS

DOCUMENT NUMBER: 118:6971

TITLE: Preparation of ether-containing 2,4-thiazolinedione derivatives

INVENTOR(S): Arita, Miichiro; Mizuno, Yukio

PATENT ASSIGNEE(S): Takeda Chemical Industries, Ltd., Japan

SOURCE: Eur. Pat. Appl., 7 pp.

CODEN: EPXXDW

DOCUMENT TYPE: Patent

LANGUAGE: English

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
EP 506273	A2	19920930	EP 1992-302233	19920316
EP 506273	A3	19930113		
EP 506273	B1	19950531		
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, PT, SE				
CA 2063851	AA	19920926	CA 1992-2063851	19920324
JP 05112483	A2	19930507	JP 1992-66368	19920324
US 5554758	A	19960910	US 1995-474133	19950607
PRIORITY APPLN. INFO.:			JP 1991-60208	19910325
			US 1992-855798	19920323
			US 1993-121291	19930915
			US 1994-352184	19941201

OTHER SOURCE(S): MARPAT 118:6971

check out "X" in PCT search Report

for the other compound, the name & structure of that comp.

search inventor

& assignee

check out all related patent(s) listed in file jacket

go

check this file STM

09485640YCEI

=> e takeda/pa
E1 2 TAKED/PA
E2 1 TAKED A CHEMICAL INDS/PA
E3 13830 --> TAKEDA/PA
E4 29 TAKEDA A/PA
E5 1 TAKEDA BADISCHE URETHANE IND LTD/PA
E6 10 TAKEDA BADISCHE URETHANE KOGYO KK/PA
E7 1 TAKEDA BADISCHEURE/PA
E8 1 TAKEDA BADISHURETAN KOGY/PA
E9 1 TAKEDA BRUSH SEISAKUSHO YG/PA
E10 3 TAKEDA C/PA
E11 1 TAKEDA CHEICAL INDUSTRIES LTD/PA
E12 2 TAKEDA CHEM/PA

=> s e3-e12
L22 13830 (TAKEDA/PA OR "TAKEDA A"/PA OR "TAKEDA BADISCHE URETHANE IND LTD"/PA OR "TAKEDA BADISCHE URETHANE KOGYO KK"/PA OR "TAKEDA BADISCHEURE"/PA OR "TAKEDA BADISHURETAN KOGY"/PA OR "TAKEDA BRUSH SEISAKUSHO YG"/PA OR "TAKEDA C"/PA OR "TAKEDA CHEICAL INDUSTRIES LTD"/PA OR "TAKEDA CHEM"/PA)

=> s l22 and (thiazolidinedione)
L23 143 L22 AND (THIAZOLIDINEDIONE)

=> s l23 not py>=1998
L24 42 L23 NOT PY>=1998

=> s l23 not py>=1997
L25 32 L23 NOT PY>=1997

=> d ibib 1-32

L25 ANSWER 1 OF 32 EUROPATFULL COPYRIGHT 2003 WILA

PATENT APPLICATION - PATENTANMELDUNG - DEMANDE DE BREVET

ACCESSION NUMBER: 749751 EUROPATFULL EW 199652 FS OS
TITLE: Pharmaceutical composition for use in tteatment of diabetes.
Pharmazeutische Zubereitung zur Verwendung in der Behandlung von Diabetes.
Composition pharmaceutique pour utilisation dans le traitement du diabete.
INVENTOR(S): Ikeda, Hitoshi, 3-13-712, Nishiiwata 3-chome, Higashiosaka, Osaka 578, JP;
Sohda, Takashi, 27-20, Higashikanmaki 2-chome, Takatsuki, Osaka 569, JP;
Odaka, Hiroyuki, 12-20, Katsuragi 2-chome, Kita-ku, Kobe, Hyogo 651-12, JP
PATENT ASSIGNEE(S): **TAKEDA** CHEMICAL INDUSTRIES, LTD., 1-1, Doshomachi 4-chome, Chuo-ku, Osaka 541, JP
PATENT ASSIGNEE NO: 204706
AGENT: Dowden, Marina, Elkington and Fife Prospect House, 8 Pembroke Road, Sevenoaks, Kent TN13 1XR, GB
AGENT NUMBER: 76001
OTHER SOURCE: ESP1996070 EP 0749751 A2 961227
SOURCE: Wila-EPZ-1996-H52-T1b
DOCUMENT TYPE: Patent
LANGUAGE: Anmeldung in Englisch; Veroeffentlichung in Englisch

DESIGNATED STATES: R AT; R BE; R CH; R DE; R DK; R ES; R FI; R FR; R GB; R GR; R IE; R IT; R LI; R LU; R NL; R PT; R SE

PATENT INFO.PUB.TYPE: EPA2 EUROPAEISCHE PATENTANMELDUNG

PATENT INFORMATION:

PATENT NO	KIND	DATE
EP 749751	A2	19961227
		19961227
EP 1996-304570		19960620
JP 1995-153500		19950620

'OFFENLEGUNGS' DATE:

APPLICATION INFO.:

PRIORITY APPLN. INFO.:

L25 ANSWER 2 OF 32 EUROPATFULL COPYRIGHT 2003 WILA

PATENT APPLICATION - PATENTANMELDUNG - DEMANDE DE BREVET

ACCESSION NUMBER: 710659 EUROPATFULL EW 199619 FS OS STA R
TITLE: Oxazolidinedione derivatives, their production and use.
Oxazolidindion-Derivate, ihre Herstellung und
Verwendung.

INVENTOR(S):

Derives d'oxazolidinedione, leur fabrication et leur
application.

Sohda, Takashi, 27-20, Higashikanmaki 2-chome,
Takatsuki, Osaka 569, JP;
Odaka, Hiroyuki, 12-12, Katsuragi 2-chome, Kita-ku,
Kobe, Hyogo 651-12, JP;
Momose, Yu, 2-1-213, Sumiregaoka 3-chome, Takarazuka,
Hyogo 665, JP;
Kawada, Mitsuru, 25-3, Tsukaguchicho 4-chome,

Amagasaki,

Hyogo 661, JP

PATENT ASSIGNEE(S):

TAKEDA CHEMICAL INDUSTRIES, LTD., 1-1,
Doshomachi 4-chome, Chuo-ku, Osaka 541, JP

PATENT ASSIGNEE NO:

204706

AGENT:

Lewin, John Harvey, ELKINGTON AND FIFE Prospect House,
8

Pembroke Road, Sevenoaks, Kent, TN13 1XR, GB

AGENT NUMBER:

33034

OTHER SOURCE:

ESP1996024 EP 0710659 A1 960508

SOURCE:

Wila-EPZ-1996-H19-T1a

DOCUMENT TYPE:

Patent

LANGUAGE:

Anmeldung in Englisch; Veroeffentlichung in Englisch

DESIGNATED STATES:

R AT; R BE; R CH; R DE; R DK; R ES; R FR; R GB; R GR; R
IE; R IT; R LI; R LU; R NL; R PT; R SE

PATENT INFO.PUB.TYPE:

EPA1 EUROPAEISCHE PATENTANMELDUNG

PATENT INFORMATION:

PATENT NO	KIND	DATE
EP 710659	A1	19960508
		19960508
EP 1995-307793		19951101
JP 1994-269826		19941102
JP 1995-171768		19950707
JP 1995-220942		19950829

'OFFENLEGUNGS' DATE:

APPLICATION INFO.:

PRIORITY APPLN. INFO.:

L25 ANSWER 3 OF 32 EUROPATFULL COPYRIGHT 2003 WILA

PATENT APPLICATION - PATENTANMELDUNG - DEMANDE DE BREVET

ACCESSION NUMBER: 522606 EUROPATFULL EW 199302 FS OS STA B

TITLE: Pyridine derivatives, their production and use.

Pyridinderivate, ihre Herstellung und Anwendung.
 Derives de pyridine, leur preparation et utilisation.
 Takatani, Muneo, 6-1 Taniguchisono-machi, Ukyo-ku,
 Kyoto

616, JP;
 Saijo, Taketoshi, 5-9 Fushiodai 2-chome, Ikeda, Osaka
 563, JP;
 Tomimatsu, Kiminori, E-104, 7 Nyoidani 3-chome, Minoo,
 Osaka 562, JP

PATENT ASSIGNEE(S): **TAKEDA** CHEMICAL INDUSTRIES, LTD., 1-1,
 Doshomachi 4-chome, Chuo-ku, Osaka 541, JP

PATENT ASSIGNEE NO: 204706

AGENT: von Kreisler, Alek, Dipl.-Chem. et al, Patentanwaelte
 von Kreisler, Selting, Werner, Deichmannhaus am
 Hauptbahnhof, W-5000 Koeln 1, DE

AGENT NUMBER: 12434

OTHER SOURCE: ESP1993002 EP 0522606 A2 930113

SOURCE: Wila-EPZ-1993-H02-T1a

DOCUMENT TYPE: Patent

LANGUAGE: Anmeldung in Englisch; Veroeffentlichung in Englisch

DESIGNATED STATES: R AT; R BE; R CH; R DE; R DK; R ES; R FR; R GB; R GR; R
 IT; R LI; R LU; R NL; R PT; R SE

PATENT INFO.PUB.TYPE: EPA2 EUROPAEISCHE PATENTANMELDUNG

PATENT INFORMATION:

	PATENT NO	KIND DATE
	EP 522606	A2 19930113
'OFFENLEGUNGS' DATE:		19930113
APPLICATION INFO.:	EP 1992-201288	19920507
PRIORITY APPLN. INFO.:	JP 1991-105691	19910510

GRANTED PATENT - ERTEILTES PATENT - BREVET DELIVRE

ACCESSION NUMBER: 522606 EUROPATFULL EW 199614 FS PS

TITLE: Pyridine derivatives, their production and use.
 Pyridinderivate, deren Herstellung und Anwendung.
 Derives de pyridine, leur preparation et utilisation.

INVENTOR(S): Takatani, Muneo, 6-1 Taniguchisono-machi, Ukyo-ku,
 Kyoto

616, JP;
 Saijo, Taketoshi, 5-9 Fushiodai 2-chome, Ikeda, Osaka
 563, JP;
 Tomimatsu, Kiminori, E-104, 7 Nyoidani 3-chome, Minoo,
 Osaka 562, JP

PATENT ASSIGNEE(S): **TAKEDA** CHEMICAL INDUSTRIES, LTD., 1-1,
 Doshomachi 4-chome, Chuo-ku, Osaka 541, JP

PATENT ASSIGNEE NO: 204706

AGENT: von Kreisler, Alek, Dipl.-Chem. et al, Patentanwaelte
 von Kreisler-Selting-Werner Postfach 10 22 41, D-50462
 Koeln, DE

AGENT NUMBER: 12434

OTHER SOURCE: EPB1996023 EP 0522606 B1 960403

SOURCE: Wila-EPS-1996-H14-T1

DOCUMENT TYPE: Patent

LANGUAGE: Anmeldung in Englisch; Veroeffentlichung in Englisch

DESIGNATED STATES: R AT; R BE; R CH; R DE; R DK; R ES; R FR; R GB; R GR; R
 IT; R LI; R LU; R NL; R PT; R SE

PATENT INFO.PUB.TYPE: EPB1 EUROPAEISCHE PATENTSCHRIFT

PATENT INFORMATION:

PATENT NO	KIND DATE
-----------	-----------

 EP 522606 B1 19960403
 'OFFENLEGUNGS' DATE: 19930113
 APPLICATION INFO.: EP 1992-201288 19920507
 PRIORITY APPLN. INFO.: JP 1991-105691 19910510
 REFERENCE PAT. INFO.: EP 103503 A EP 177907 A
 US 3687959 A US 4786644 A
 REF. NON-PATENT-LIT.: CHEMICAL ABSTRACTS, vol. 85, no. 14, 4 October 1976,
 Columbus, Ohio, US; abstract no. 99178d, G. KALOPISSIS
 ET AL. 'Cysteamine derivatives for oral treatment of
 seborrhea.' page 325 CHEMICAL ABSTRACTS, vol. 61, no.

1,
 6 July 1964, Columbus, Ohio, US; abstract no. 638g,
 I.KH. FEL DMAN ET AL. 'Synthesis in the pyridine
 series.

III. Synthesis of quaternary derivatives of
 beta-aminoethyl pyridyl sulfides'

L25 ANSWER 4 OF 32 EUROPATFULL COPYRIGHT 2003 WILA

PATENT APPLICATION - PATENTANMELDUNG - DEMANDE DE BREVET

ACCESSION NUMBER: 506273 EUROPATFULL EW 199240 FS OS STA B
 TITLE: Method for producing ethers.
 Verfahren zur Herstellung von Ethern.
 Procédé pour la préparation d'ethers.
 INVENTOR(S): Arita, Miichiro, 4-5, Tomigaoka 4-chome, Nara, Nara
 631,
 JP;
 Mizuno, Yukio, 28-13, Shinkofudai 3-chome, Toyono-cho,
 Toyono-gun, Osaka 563-01, JP
 PATENT ASSIGNEE(S): TAKEDA CHEMICAL INDUSTRIES, LTD., 1-1,
 Doshomachi 4-chome, Chuo-ku, Osaka 541, JP
 PATENT ASSIGNEE NO: 204706
 AGENT: Laredo, Jack Joseph, Elkington and Fife Prospect House
 8
 Pembroke Road, Sevenoaks, Kent TN13 1XR, GB
 AGENT NUMBER: 32841
 OTHER SOURCE: ESP1992068 EP 0506273 A2 920930
 SOURCE: Wila-EPZ-1992-H40-T1
 DOCUMENT TYPE: Patent
 LANGUAGE: Anmeldung in Englisch; Veroeffentlichung in Englisch
 DESIGNATED STATES: R AT; R BE; R CH; R DE; R DK; R ES; R FR; R GB; R GR; R
 IT; R LI; R LU; R NL; R PT; R SE
 PATENT INFO.PUB.TYPE: EPA2 EUROPAEISCHE PATENTANMELDUNG
 PATENT INFORMATION:

PATENT NO	KIND DATE
EP 506273	A2 19920930
	19920930
EP 1992-302233	19920316
JP 1991-60208	19910325

'OFFENLEGUNGS' DATE: 19920930
 APPLICATION INFO.: EP 1992-302233 19920316
 PRIORITY APPLN. INFO.: JP 1991-60208 19910325

GRANTED PATENT - ERTEILTES PATENT - BREVET DELIVRE

ACCESSION NUMBER: 506273 EUROPATFULL EW 199522 FS PS STA B
 TITLE: Method for producing ethers.
 Verfahren zur Herstellung von Ethern.
 Procédé pour la préparation d'ethers.
 INVENTOR(S): Arita, Miichiro, 4-5, Tomigaoka 4-chome, Nara, Nara
 631,

JP;
Mizuno, Yukio, 28-13, Shinkofudai 3-chome, Toyono-cho,
Toyono-gun, Osaka 563-01, JP
PATENT ASSIGNEE(S): **TAKEDA** CHEMICAL INDUSTRIES, LTD., 1-1,
Doshomachi 4-chome, Chuo-ku, Osaka 541, JP
PATENT ASSIGNEE NO: 204706
AGENT: Laredo, Jack Joseph, Elkington and Fife Prospect House
8
Pembroke Road, Sevenoaks, Kent TN13 1XR, GB
AGENT NUMBER: 32841
OTHER SOURCE: EPB1995042 EP 0506273 B1 950531
SOURCE: Wila-EPS-1995-H22-T1
DOCUMENT TYPE: Patent
LANGUAGE: Anmeldung in Englisch; Veroeffentlichung in Englisch
DESIGNATED STATES: R AT; R BE; R CH; R DE; R DK; R ES; R FR; R GB; R GR; R
IT; R LI; R LU; R NL; R PT; R SE
PATENT INFO.PUB.TYPE: EPB1 EUROPÄISCHE PATENTSCHRIFT
PATENT INFORMATION:

	PATENT NO	KIND	DATE
	EP 506273	B1	19950531
'OFFENLEGUNGS' DATE:			19920930
APPLICATION INFO.:	EP 1992-302233		19920316
PRIORITY APPLN. INFO.:	JP 1991-60208		19910325
REFERENCE PAT. INFO.:	EP 113587 A	EP 257781	A
	EP 356214 A	GB 2124227	A
REF. NON-PATENT-LIT.:	BULLETIN DE LA SOCIETE CHIMIQUE DE FRANCE no. 6, 1987, PARIS FR pages 1027 - 1035 A. LOUPY ET AL. 'Ameliorations et simplifications de la synthese des ethers phenoliques par alkylolation d'ions phenates: catalyse par transfert de phase solide-liquide sans solvant'		

L25 ANSWER 5 OF 32 EUROPATFULL COPYRIGHT 2003 WILA

PATENT APPLICATION - PATENTANMELDUNG - DEMANDE DE BREVET

ACCESSION NUMBER: 257781 EUROPATFULL EW 198809 FS OS STA B
TITLE: A method for producing **thiazolidinedione**
derivatives.
Verfahren zur Herstellung von Thiazolidinedion-
Derivaten.
Procede de production de derives de
thiazolidinedione.
INVENTOR(S): Meguro, Kanji, 2-21, Mondosou Nishinomiya, Hyogo 662,
JP;
Fujita, Takeshi, 13-15, Nagaodai 1-chome Takarazuka,
Hyogo 665, JP;
Hatanaka, Chitoshi, C2-304, 3 Takenodai Nagaokakyo,
Kyogo 617, JP;
Ooi, Satoru, 50-1, Yamadaminami Suita, Osaka 565, JP
PATENT ASSIGNEE(S): **Takeda** Chemical Industries, Ltd., 27,
Doshomachi 2-chome Higashi-ku, Osaka-shi Osaka, 541, JP
PATENT ASSIGNEE NO: 204703
AGENT: Lewin, John Harvey, et al, Elkington and Fife High
Holborn House 52/54 High Holborn, London WC1V 6SH, GB
OTHER SOURCE: ESP1988008 EP 0257781 A1 880302
SOURCE: Wila-EPZ-1988-H09-T1
DOCUMENT TYPE: Patent
LANGUAGE: Anmeldung in Englisch; Veroeffentlichung in Englisch

DESIGNATED STATES: R AT; R BE; R CH; R DE; R ES; R FR; R GB; R GR; R IT; R
LI; R LU; R NL; R SE
PATENT INFO.PUB.TYPE: EPA1 EUROPÄISCHE PATENTANMELDUNG
PATENT INFORMATION:

	PATENT NO	KIND	DATE
	EP 257781	A1	19880302
'OFFENLEGUNGS' DATE:			19880302
APPLICATION INFO.:	EP 1987-306425		19870720
PRIORITY APPLN. INFO.:	JP 1986-174278		19860724

GRANTED PATENT - ERTEILTES PATENT - BREVET DELIVRE

ACCESSION NUMBER: 257781 EUROPATFULL EW 199138 FS PS STA B
TITLE: A method for producing **thiazolidinedione**
derivatives.

Verfahren zur Herstellung von Thiazolidinedion-
Derivaten.
Procédé de production de dérivés de
thiazolidinedione.
INVENTOR(S): Meguro, Kanji, 2-21, Mondosou, Nishinomiya, Hyogo 662,
JP;
Fujita, Takeshi, 13-15, Nagaodai 1-chome, Takarazuka,
Hyogo 665, JP;
Hatanaka, Chitoshi, C2-304, 3 Takenodai, Nagaokakyo,
Kyoto 617, JP;
Ooi, Satoru, 50-1, Yamadaminami, Suita, Osaka 565, JP

PATENT ASSIGNEE(S): **TAKEDA** CHEMICAL INDUSTRIES, LTD., 3-6,
Doshomachi 2-chome Chuo-ku, Osaka, JP

PATENT ASSIGNEE NO: 204704
AGENT: Lewin, John Harvey et al, ELKINGTON AND FIFE Beacon
House 113 Kingsway, London WC2B 6PP, GB

AGENT NUMBER: 33031
OTHER SOURCE: EPB1991038 EP 0257781 B1 910918
SOURCE: Wila-EPS-1991-H38

DOCUMENT TYPE: Patent
LANGUAGE: Anmeldung in Englisch; Veroeffentlichung in Englisch
DESIGNATED STATES: R AT; R BE; R CH; R DE; R ES; R FR; R GB; R GR; R IT; R
LI; R LU; R NL; R SE

PATENT INFO.PUB.TYPE: EPB1 EUROPÄISCHE PATENTSCHRIFT
PATENT INFORMATION:

	PATENT NO	KIND	DATE
	EP 257781	B1	19910918
'OFFENLEGUNGS' DATE:			19880302
APPLICATION INFO.:	EP 1987-306425		19870720
PRIORITY APPLN. INFO.:	JP 1986-174278		19860724
REFERENCE PAT. INFO.:	EP 155845 A		EP 193256 A

L25 ANSWER 6 OF 32 EUROPATFULL COPYRIGHT 2003 WILA

GRANTED PATENT - ERTEILTES PATENT - BREVET DELIVRE

ACCESSION NUMBER: 208420 EUROPATFULL EW 199138 FS PS STA B
TITLE: Thiazolidine derivatives, their production and use.
Thiazolidinderivate, Verfahren zu deren Herstellung und
deren Anwendung.

Derives de thiazolidine, leur preparation et
utilisation.
INVENTOR(S): Meguro, Kanji, 2-21, Mondosou Nishinomiya, Hyogo 662,

JP;
 Fujita, Takeshi, 13-15, Nagaodai 1-chome Takarazuka,
 Hyogo 665, JP
 PATENT ASSIGNEE(S): **TAKEDA CHEMICAL INDUSTRIES, LTD.**, 3-6,
 Doshomachi 2-chome Chuo-ku, Osaka, JP
 PATENT ASSIGNEE NO: 204704
 AGENT: Lewin, John Harvey et al, ELKINGTON AND FIFE Beacon
 House 113 Kingsway, London WC2B 6PP, GB
 AGENT NUMBER: 33031
 OTHER SOURCE: EPB1991038 EP 0208420 B1 910918
 SOURCE: Wila-EPS-1991-H38
 DOCUMENT TYPE: Patent
 LANGUAGE: Anmeldung in Englisch; Veroeffentlichung in Englisch
 DESIGNATED STATES: R AT; R BE; R CH; R DE; R FR; R GB; R IT; R LI; R LU; R
 NL; R SE
 PATENT INFO.PUB.TYPE: EPB1 EUROPAEISCHE PATENTSCHRIFT
 PATENT INFORMATION:

PATENT NO	KIND	DATE
EP 208420	B1	19910918
		19870114
EP 1986-304413		19860610
JP 1985-126626		19850610
EP 8203 A	EP 139421	A
EP 177353 A		
REF. NON-PATENT-LIT.:	Chem. Pharm. Bull. 30 (1982), pp. 3563,3580,3886	

L25 ANSWER 7 OF 32 PCTFULL COPYRIGHT 2003 Univentio
 ACCESSION NUMBER: 1996005186 PCTFULL ED 20020514
 TITLE (ENGLISH): **THIAZOLIDINEDIONE DERIVATIVES, THEIR**
 PRODUCTION AND USE
 TITLE (FRENCH): DERIVES DE LA THIAZOLIDINDIONE, LEUR PROCEDE
 D'OBTENTION ET LEURS UTILISATIONS
 INVENTOR(S): SOHDA, Takashi;
 ODAKA, Hiroyuki;
 MOMOSE, Yu
 PATENT ASSIGNEE(S): **TAKEDA CHEMICAL INDUSTRIES, LTD.**;
 SOHDA, Takashi;
 ODAKA, Hiroyuki;
 MOMOSE, Yu
 LANGUAGE OF PUBL.: English
 DOCUMENT TYPE: Patent
 PATENT INFORMATION:

NUMBER	KIND	DATE
WO 9605186	A1	19960222
DESIGNATED STATES		
W:	AM AU BB BG BR BY CA CN CZ EE FI GE HU IS KG KR KZ LK	
	LR LT LV MD MG MN MX NO NZ PL RO RU SG SI SK TJ TM TT	
	UA US UZ VN KE MW SD SZ UG AT BE CH DE DK ES FR GB GR	
	IE IT LU MC NL PT SE BF BJ CF CG CI CM GA GN ML MR NE	
	SN TD TG	
APPLICATION INFO.:	WO 1995-JP1579	A 19950809
PRIORITY INFO.:	JP 1994-6/188611	19940810

L25 ANSWER 8 OF 32 PCTFULL COPYRIGHT 2003 Univentio
 ACCESSION NUMBER: 1995035296 PCTFULL ED 20020514
 TITLE (ENGLISH): **CONDENSED IMIDAZOLE COMPOUNDS, THEIR PRODUCTION AND**
 USE
 TITLE (FRENCH): COMPOSES D'IMIDAZOLE CONDENSES, LEUR PRODUCTION ET

INVENTOR(S) :	UTILISATION TAKATANI, Muneo; IKEDA, Hitoshi; IIDA, Kyoko; ABE, Hidenori		
PATENT ASSIGNEE(S) :	TAKEDA CHEMICAL INDUSTRIES, LTD.; TAKATANI, Muneo; IKEDA, Hitoshi; IIDA, Kyoko; ABE, Hidenori		
LANGUAGE OF PUBL.:	English		
DOCUMENT TYPE:	Patent		
PATENT INFORMATION:			
	NUMBER	KIND	DATE

	WO 9535296	A1	19951228
DESIGNATED STATES			
W:	AM AU BB BG BR BY CA CN CZ EE FI GE HU IS KG KR KZ LK LR LT LV MD MG MN MX NO NZ PL RO RU SG SI SK TJ TM TT UA US UZ VN KE MW SD SZ UG AT BE CH DE DK ES FR GB GR IE IT LU MC NL PT SE BF BJ CF CG CI CM GA GN ML MR NE SN TD TG		
APPLICATION INFO.:	WO 1995-JP1192	A	19950615
PRIORITY INFO.:	JP 1994-6/137600		19940620
	JP 1995-7/64128		19950324
L25 ANSWER 9 OF 32	PCTFULL COPYRIGHT 2003 Univentio		
ACCESSION NUMBER:	1992018501 PCTFULL ED 20020513		
TITLE (ENGLISH):	THIAZOLIDINEDIONE DERIVATIVES, PRODUCTION AND USE THEREOF		
TITLE (FRENCH):	DERIVES DE THIAZOLIDINEDIONE, PRODUCTION ET UTILISATION DESDITS DERIVES		
INVENTOR(S) :	SOHDA, Takashi; IKEDA, Hitoshi; GREENFIELD, John, C.; COLCA, Jerry, R.; PETZOLD, Edgar, N.		
PATENT ASSIGNEE(S) :	THE UPJOHN COMPANY; TAKEDA CHEMICAL INDUSTRIES, LTD.; SOHDA, Takashi; IKEDA, Hitoshi; GREENFIELD, John, C.; COLCA, Jerry, R.; PETZOLD, Edgar, N.		
LANGUAGE OF PUBL.:	English		
DOCUMENT TYPE:	Patent		
PATENT INFORMATION:			
	NUMBER	KIND	DATE

	WO 9218501	A1	19921029
DESIGNATED STATES			
W:	AT AU BB BE BF BG BJ BR CA CF CG CH CI CM CS DE DK ES FI FR GA GB GN GR HU IT KP KR LK LU MC MG ML MN MR MW NL NO PL RO RU SD SE SN TD TG US		
APPLICATION INFO.:	WO 1992-US2566	A	19920406
PRIORITY INFO.:	JP 1991-3/78836		19910411
L25 ANSWER 10 OF 32	PCTFULL COPYRIGHT 2003 Univentio		
ACCESSION NUMBER:	1986006069 PCTFULL ED 20020507		
TITLE (ENGLISH):	THIAZOLIDINEDIONE DERIVATIVES, PROCESS FOR		

TITLE (FRENCH): THEIR PREPARATION AND MEDICINAL COMPOSITION CONTAINING SAME
 INVENTOR(S): DERIVES DE **THIAZOLIDINEDIONE**, LEUR PROCEDE DE PREPARATION ET COMPOSITION MEDICINALE LES CONTENANT
 PATENT ASSIGNEE(S): MEGURO, Kanji;
 LANGUAGE OF PUBL.: FUJITA, Takeshi
 DOCUMENT TYPE: **TAKEDA CHEMICAL INDUSTRIES, LTD.**
 PATENT INFORMATION: Japanese
 Patent

	NUMBER	KIND	DATE

DESIGNATED STATES	WO 8606069	A1	19861023
W:	MC		
APPLICATION INFO.:	WO 1985-JP179	A	19850409

L25 ANSWER 11 OF 32 PCTFULL COPYRIGHT 2003 Univentio
 ACCESSION NUMBER: 1986002073 PCTFULL ED 20020507
 TITLE (ENGLISH): **THIAZOLIDINEDIONE** DERIVATIVES, PROCESS FOR
 THEIR PREPARATION, AND PHARMACEUTICAL COMPOSITION
 CONTAINING SAME
 TITLE (FRENCH): DERIVES DE **THIAZOLIDINEDIONE**, PROCEDE DE
 PREPARATION ET COMPOSITION PHARMACEUTIQUE LES

CONTENANT
 INVENTOR(S): MEGURO, Kanji;
 FUJITA, Takeshi
 PATENT ASSIGNEE(S): **TAKEDA CHEMICAL INDUSTRIES, LTD.**
 LANGUAGE OF PUBL.: Japanese
 DOCUMENT TYPE: Patent
 PATENT INFORMATION:

	NUMBER	KIND	DATE

DESIGNATED STATES	WO 8602073	A1	19860410
W:	MC		
APPLICATION INFO.:	WO 1984-JP466	A	19841003

L25 ANSWER 12 OF 32 PCTFULL COPYRIGHT 2003 Univentio
 ACCESSION NUMBER: 1985004171 PCTFULL ED 20020507
 TITLE (ENGLISH): **THIAZOLIDINEDIONE** DERIVATIVES, PROCESS FOR
 THEIR PREPARATION, AND MEDICINAL COMPOSITIONS
 CONTAINING SAME
 TITLE (FRENCH): DERIVES DE **THIAZOLIDINEDIONE**, LEUR PROCEDE DE
 PREPARATION ET COMPOSITIONS MEDICINALES LES CONTENANT
 INVENTOR(S): MEGURO, Kanji;
 FUJITA, Takeshi
 PATENT ASSIGNEE(S): **TAKEDA CHEMICAL INDUSTRIES, LTD.;**
 MEGURO, Kanji;
 FUJITA, Takeshi
 LANGUAGE OF PUBL.: Japanese
 DOCUMENT TYPE: Patent
 PATENT INFORMATION:

	NUMBER	KIND	DATE

DESIGNATED STATES	WO 8504171	A1	19850926
W:	MC US		
APPLICATION INFO.:	WO 1984-JP445	A	19840914
PRIORITY INFO.:	US 1984-PCT/JP84/00117		19840321

L25 ANSWER 13 OF 32 PCTFULL COPYRIGHT 2003 Univentio
ACCESSION NUMBER: 1985004170 PCTFULL ED 20020507
TITLE (ENGLISH): **THIAZOLIDINEDIONE** DERIVATIVES, PROCESS FOR
THEIR PREPARATION, AND MEDICINAL COMPOSITION

CONTAINING

SAME
TITLE (FRENCH): DERIVES DE **THIAZOLIDINEDIONE**, LEUR PROCEDE DE
PREPARATION ET COMPOSITIONS MEDICINALES LES CONTENANT
INVENTOR(S): MEGURO, Kanji;
FUJITA, Takeshi
PATENT ASSIGNEE(S): **TAKEDA CHEMICAL INDUSTRIES, LTD.**;
MEGURO, Kanji;
FUJITA, Takeshi
LANGUAGE OF PUBL.: Japanese
DOCUMENT TYPE: Patent
PATENT INFORMATION:

NUMBER	KIND	DATE

WO 8504170	A1	19850926

DESIGNATED STATES

W: MC US
APPLICATION INFO.: WO 1984-JP117 A 19840321

L25 ANSWER 14 OF 32 USPATFULL

ACCESSION NUMBER: 96:89860 USPATFULL
TITLE: Pyridine derivatives, their production and use
INVENTOR(S): Takatani, Muneo, Kyoto, Japan
Saijo, Taketoshi, Ikeda, Japan
Tomimatsu, Kiminori, Minoo, Japan
PATENT ASSIGNEE(S): **Takeda** Chemical Industries, Ltd., Osaka,
Japan (non-U.S. corporation)

NUMBER	KIND	DATE

PATENT INFORMATION: US 5561147 19961001
APPLICATION INFO.: US 1995-455170 19950531 (8)
RELATED APPLN. INFO.: Division of Ser. No. US 1994-334221, filed on 4 Nov
1994, now patented, Pat. No. US 5457106 which is a
division of Ser. No. US 1993-81181, filed on 24 Jun
1993, now patented, Pat. No. US 5389658 which is a
division of Ser. No. US 1992-880641, filed on 7 May
1992, now patented, Pat. No. US 5246948

NUMBER	DATE

PRIORITY INFORMATION: JP 1991-105691 19910510
DOCUMENT TYPE: Utility
FILE SEGMENT: Granted
PRIMARY EXAMINER: Richter, Johann
ASSISTANT EXAMINER: Peabody, John
LEGAL REPRESENTATIVE: Foley & Lardner
NUMBER OF CLAIMS: 5
EXEMPLARY CLAIM: 1
LINE COUNT: 6270
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L25 ANSWER 15 OF 32 USPATFULL

ACCESSION NUMBER: 96:82829 USPATFULL
TITLE: Method for producing ethers

INVENTOR(S): Mizuno, Yukio, Toyono-gun, Japan
Arita, Miichiro, Nara, Japan
PATENT ASSIGNEE(S): **Takeda** Chemical Industries, Ltd., Osaka,
Japan (non-U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 5554758		19960910
APPLICATION INFO.:	US 1995-474133		19950607 (8)
RELATED APPLN. INFO.:	Continuation of Ser. No. US 1994-352184, filed on 1 Dec 1994, now abandoned which is a continuation of Ser. No. US 1993-121291, filed on 15 Sep 1993, now abandoned which is a continuation of Ser. No. US 1992-855798, filed on 23 Mar 1992, now abandoned		

	NUMBER	DATE
PRIORITY INFORMATION:	JP 1991-60208	19910325
DOCUMENT TYPE:	Utility	
FILE SEGMENT:	Granted	
PRIMARY EXAMINER:	Trinh, Ba Kim	
LEGAL REPRESENTATIVE:	Wenderoth, Lind & Ponack	
NUMBER OF CLAIMS:	6	
EXEMPLARY CLAIM:	1	
LINE COUNT:	427	
CAS INDEXING IS AVAILABLE FOR THIS PATENT.		

L25 ANSWER 16 OF 32 USPATFULL

ACCESSION NUMBER: 96:11146 USPATFULL
TITLE: **Thiazolidinedione** derivatives, their
production and use
INVENTOR(S): Sohda, Takashi, Takatsuki, Japan
Ikeda, Hitoshi, Higashiosaka, Japan
Imai, Sachiko, Kyoto, Japan
Momose, Yu, Takarazuka, Japan
PATENT ASSIGNEE(S): **Takeda** Chemical Industries, Ltd., Osaka,
Japan (non-U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 5489602		19960206
APPLICATION INFO.:	US 1995-376529		19950123 (8)
RELATED APPLN. INFO.:	Division of Ser. No. US 1993-171694, filed on 22 Dec 1993, now abandoned		

	NUMBER	DATE
PRIORITY INFORMATION:	JP 1992-348568	19921228
	JP 1993-180996	19930722
DOCUMENT TYPE:	Utility	
FILE SEGMENT:	Granted	
PRIMARY EXAMINER:	Fan, Jane	
LEGAL REPRESENTATIVE:	Wenderoth, Lind & Ponack	
NUMBER OF CLAIMS:	6	
EXEMPLARY CLAIM:	1	
LINE COUNT:	1167	
CAS INDEXING IS AVAILABLE FOR THIS PATENT.		

L25 ANSWER 17 OF 32 USPATFULL

ACCESSION NUMBER: 95:90530 USPATFULL
TITLE: Pyridine derivatives, their production and use
INVENTOR(S): Takatani, Muneo, Kyoto, Japan
Saijo, Taketoshi, Ikeda, Japan
Tomimatsu, Kiminori, Minoo, Japan
PATENT ASSIGNEE(S): **Takeda** Chemical Industries, Ltd., Osaka,
Japan (non-U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 5457106		19951010
APPLICATION INFO.:	US 1994-334221		19941104 (8)
RELATED APPLN. INFO.:	Division of Ser. No. US 1993-81181, filed on 24 Jun 1993, now patented, Pat. No. US 5389658 which is a division of Ser. No. US 1992-880641, filed on 7 May 1992, now patented, Pat. No. US 5246948		

	NUMBER	DATE
PRIORITY INFORMATION:	JP 1991-105691	19910510
DOCUMENT TYPE:	Utility	
FILE SEGMENT:	Granted	
PRIMARY EXAMINER:	Richter, Johann	
ASSISTANT EXAMINER:	Peabody, John	
LEGAL REPRESENTATIVE:	Foley & Lardner	
NUMBER OF CLAIMS:	7	
EXEMPLARY CLAIM:	1	
LINE COUNT:	6415	
CAS INDEXING IS AVAILABLE FOR THIS PATENT.		

L25 ANSWER 18 OF 32 USPATFULL

ACCESSION NUMBER: 95:73652 USPATFULL
TITLE: **Thiazolidinedione** derivatives, production and use thereof
INVENTOR(S): Sohda, Takashi, Osaka, Japan
Ikeda, Hitoshi, Osaka, Japan
Greenfield, John C., Richland, MI, United States
Colca, Jerry R., Texas Township, MI, United States
Petzold, Edgar N., Plainwell, MI, United States
PATENT ASSIGNEE(S): The Upjohn Company, Kalamazoo, MI, United States (U.S. corporation)
Takeda Chemical Industries, Ltd., Osaka, Japan (non-U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 5441971		19950815
	WO 9218501		19921029
APPLICATION INFO.:	US 1993-137135		19931012 (8)
	WO 1992-US2566		19920406
			19931012 PCT 371 date
			19931012 PCT 102(e) date

	NUMBER	DATE
PRIORITY INFORMATION:	JP 1991-78836	19910411
DOCUMENT TYPE:	Utility	
FILE SEGMENT:	Granted	
PRIMARY EXAMINER:	Fan, Jane	

LEGAL REPRESENTATIVE: Welch, Lawrence T.
NUMBER OF CLAIMS: 21
EXEMPLARY CLAIM: 1
LINE COUNT: 696
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L25 ANSWER 19 OF 32 USPATFULL

ACCESSION NUMBER: 95:13891 USPATFULL
TITLE: Pyridine derivatives, their production and use
INVENTOR(S): Takatani, Muneo, Kyoto, Japan
Saijo, Taketoshi, Ikeda, Japan
Tomimatsu, Kiminori, Minoo, Japan
PATENT ASSIGNEE(S): **Takeda** Chemical Industries, Ltd., Osaka,
Japan (non-U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 5389658		19950214
APPLICATION INFO.:	US 1993-81181		19930624 (8)
RELATED APPLN. INFO.:	Division of Ser. No. US 1992-880641, filed on 7 May 1992, now patented, Pat. No. US 5246948		

	NUMBER	DATE
PRIORITY INFORMATION:	JP 1991-105691	19910510
DOCUMENT TYPE:	Utility	
FILE SEGMENT:	Granted	
PRIMARY EXAMINER:	Richter, Johann	
ASSISTANT EXAMINER:	Peabody, John	
LEGAL REPRESENTATIVE:	Wegner, Cantor, Mueller & Player	
NUMBER OF CLAIMS:	7	
EXEMPLARY CLAIM:	1	
LINE COUNT:	6263	

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L25 ANSWER 20 OF 32 USPATFULL

ACCESSION NUMBER: 93:78793 USPATFULL
TITLE: Pyridine derivatives, their production and use
INVENTOR(S): Takatani, Muneo, Kyoto, Japan
Saijo, Taketoshi, Ikeda, Japan
Tomimatsu, Kiminori, Minoo, Japan
PATENT ASSIGNEE(S): **Takeda** Chemical Industries, Ltd., Osaka,
Japan (non-U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 5246948		19930921
APPLICATION INFO.:	US 1992-880641		19920507 (7)

	NUMBER	DATE
PRIORITY INFORMATION:	JP 1991-105691	19910510
DOCUMENT TYPE:	Utility	
FILE SEGMENT:	Granted	
PRIMARY EXAMINER:	Cintins, Marianne M.	
ASSISTANT EXAMINER:	Peabody, John	
LEGAL REPRESENTATIVE:	Wegner, Cantor, Mueller & Player	
NUMBER OF CLAIMS:	12	
EXEMPLARY CLAIM:	1	
LINE COUNT:	6276	

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L25 ANSWER 21 OF 32 USPATFULL

ACCESSION NUMBER: 93:8839 USPATFULL
TITLE: Pyridine N-oxide compounds which are useful as
hypoglycemic and hypolipidemic agents
INVENTOR(S): Sohda, Takashi, Takatsuki, Japan
Ikeda, Hitoshi, Higashiosaka, Japan
PATENT ASSIGNEE(S): **Takeda** Chemical Industries, Ltd., Osaka,
Japan (non-U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 5183823		19930202
APPLICATION INFO.:	US 1992-861280		19920331 (7)

	NUMBER	DATE
PRIORITY INFORMATION:	JP 1991-78835	19910411
DOCUMENT TYPE:	Utility	
FILE SEGMENT:	Granted.	
PRIMARY EXAMINER:	Ivy, C. Warren	
ASSISTANT EXAMINER:	Davis, Zinna N.	
LEGAL REPRESENTATIVE:	Wenderoth, Lind & Ponack	
NUMBER OF CLAIMS:	10	
EXEMPLARY CLAIM:	9	
LINE COUNT:	302	

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L25 ANSWER 22 OF 32 USPATFULL

ACCESSION NUMBER: 90:9382 USPATFULL
TITLE: Pyridine and **thiazolidinedione** derivatives
INVENTOR(S): Meguro, Kanji, Nishinomiya, Japan
Fujita, Takeshi, Takarazuka, Japan
Hatanaka, Chitoshi, Nagaokakyo, Japan
Ooi, Satoru, Suita, Japan
PATENT ASSIGNEE(S): **Takeda** Chemical Industries, Ltd., Osaka,
Japan (non-U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 4898947		19900206
APPLICATION INFO.:	US 1988-291782		19881229 (7)
RELATED APPLN. INFO.:	Division of Ser. No. US 1987-73695, filed on 19 Jul 1987, now patented, Pat. No. US 4812570		

	NUMBER	DATE
PRIORITY INFORMATION:	JP 1986-174278	19860724
DOCUMENT TYPE:	Utility	
FILE SEGMENT:	Granted	
PRIMARY EXAMINER:	Lee, Mary C.	
ASSISTANT EXAMINER:	Richter, J.	
LEGAL REPRESENTATIVE:	Wenderoth, Lind & Ponack	
NUMBER OF CLAIMS:	2	
EXEMPLARY CLAIM:	1,2	
LINE COUNT:	404	

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L25 ANSWER 23 OF 32 USPATFULL

ACCESSION NUMBER: 89:19291 USPATFULL
TITLE: Method for producing **thiazolidinedione**
derivatives
INVENTOR(S): Meguro, Kanji, Nishinomiya, Japan
Fujita, Takeshi, Takarazuka, Japan
Hatanaka, Chitoshi, Nagaokakyo, Japan
Ooi, Satoru, Suita, Japan
PATENT ASSIGNEE(S): **Takeda** Chemical Industries, Ltd., Osaka,
Japan (non-U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 4812570		19890314
APPLICATION INFO.:	US 1987-73695		19870714 (7)

	NUMBER	DATE
PRIORITY INFORMATION:	JP 1986-174278	19860724
DOCUMENT TYPE:	Utility	
FILE SEGMENT:	Granted	
PRIMARY EXAMINER:	Lee, Mary C.	
ASSISTANT EXAMINER:	Richter, J.	
LEGAL REPRESENTATIVE:	Wenderoth, Lind & Ponack	
NUMBER OF CLAIMS:	1	
EXEMPLARY CLAIM:	1	
LINE COUNT:	410	

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L25 ANSWER 24 OF 32 USPATFULL
ACCESSION NUMBER: 88:64061 USPATFULL
TITLE: Thiazolidine derivatives, their production and use
INVENTOR(S): Meguro, Kanji, Nishinomiya, Japan
Fujita, Takeshi, Takarazuka, Japan
PATENT ASSIGNEE(S): **Takeda** Chemical Industries, Ltd., Osaka,
Japan (non-U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 4775687		19881004
APPLICATION INFO.:	US 1986-869704		19860602 (6)

	NUMBER	DATE
PRIORITY INFORMATION:	JP 1985-126626	19850610
DOCUMENT TYPE:	Utility	
FILE SEGMENT:	Granted	
PRIMARY EXAMINER:	Gerstl, Robert	
LEGAL REPRESENTATIVE:	Wenderoth, Lind & Ponack	
NUMBER OF CLAIMS:	9	
EXEMPLARY CLAIM:	1	
LINE COUNT:	632	

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L25 ANSWER 25 OF 32 USPATFULL
ACCESSION NUMBER: 88:9924 USPATFULL
TITLE: **Thiazolidinedione** derivatives, their
production and use
INVENTOR(S): Meguro, Kanji, Nishinomiya, Japan
Fujita, Takeshi, Takarazuka, Japan
PATENT ASSIGNEE(S): **Takeda** Chemical Industries, Ltd., Osaka,

Japan (non-U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 4725610		19880216
APPLICATION INFO.:	US 1985-783628		19851003 (6)

	NUMBER	DATE
PRIORITY INFORMATION:	WO 1984-JP466	19841003
	WO 1985-JP179	19850409
DOCUMENT TYPE:	Utility	
FILE SEGMENT:	Granted	
PRIMARY EXAMINER:	Gerstl, Robert	
LEGAL REPRESENTATIVE:	Wenderoth, Lind & Ponack	
NUMBER OF CLAIMS:	12	
EXEMPLARY CLAIM:	1	
LINE COUNT:	1662	

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L25 ANSWER 26 OF 32 USPATFULL

ACCESSION NUMBER: 87:58591 USPATFULL
TITLE: **Thiazolidinedione** derivatives, useful as antidiabetic agents
INVENTOR(S): Meguro, Kanji, Nishinomiya, Japan
Fujita, Takeshi, Takarazuka, Japan
PATENT ASSIGNEE(S): **Takeda** Chemical Industries, Ltd., Osaka, Japan (non-U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 4687777		19870818
APPLICATION INFO.:	US 1986-820390		19860117 (6)

	NUMBER	DATE
PRIORITY INFORMATION:	JP 1985-8085	19850119
DOCUMENT TYPE:	Utility	
FILE SEGMENT:	Granted	
PRIMARY EXAMINER:	Jiles, Henry R.	
ASSISTANT EXAMINER:	Richter, J.	
LEGAL REPRESENTATIVE:	Wenderoth, Lind & Ponack	
NUMBER OF CLAIMS:	5	
EXEMPLARY CLAIM:	1,5	
LINE COUNT:	422	

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L25 ANSWER 27 OF 32 USPATFULL

ACCESSION NUMBER: 86:21861 USPATFULL
TITLE: 2,4-**thiazolidinediones**
INVENTOR(S): Meguro, Kanji, Nishinomiya, Japan
Fujita, Takeshi, Takarazuka, Japan
PATENT ASSIGNEE(S): **Takeda** Chemical Industries, Ltd., Osaka, Japan (non-U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 4582839		19860415
APPLICATION INFO.:	US 1985-711536		19850307 (6)
	WO 1984-JP445		19840921

19850307 PCT 371 date
 19850307 PCT 102(e) date
 RELATED APPLN. INFO.: Continuation-in-part of Ser. No. US 1984-624689, filed
 on 11 Jun 1984, now abandoned
 DOCUMENT TYPE: Utility
 FILE SEGMENT: Granted
 PRIMARY EXAMINER: Fan, Jane T.
 LEGAL REPRESENTATIVE: Wenderoth, Lind & Ponack
 NUMBER OF CLAIMS: 8
 EXEMPLARY CLAIM: 1
 LINE COUNT: 626
 CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L25 ANSWER 28 OF 32 WPIDS (C) 2003 THOMSON DERWENT
 ACCESSION NUMBER: 1987-009064 [02] WPIDS
 DOC. NO. CPI: C1987-003434
 TITLE: New thiazolidine cpds., useful as blood sugar lowering
 agents - are 5-(4-(2-(oxazolyl or thiazolyl) alkoxy)
 benzyl) -2,4-thiazolidine -di one derivs..
 DERWENT CLASS: B03 C02
 INVENTOR(S): FUJITA, T; MEGURO, K
 PATENT ASSIGNEE(S): (TAKE) TAKEDA CHEM IND LTD
 COUNTRY COUNT: 16
 PATENT INFORMATION:

PATENT NO	KIND	DATE	WEEK	LA	PG
EP 208420	A	19870114	(198702)*	EN	38
R: AT BE CH DE FR GB IT LI LU NL SE					
JP 61286376	A	19861216	(198704)		
HU 43599	T	19871130	(198751)		
US 4775687	A	19881004	(198842)		9
CA 1274523	A	19900925	(199044)		
EP 208420	B	19910918	(199138)		
R: AT BE CH DE FR GB IT LI LU NL SE					
DE 3681517	G	19911024	(199144)		
JP 06000779	B2	19940105	(199404)		11

APPLICATION DETAILS:

PATENT NO	KIND	APPLICATION	DATE
EP 208420	A	EP 1986-304413	19860610
JP 61286376	A	JP 1985-126626	19850610
US 4775687	A	US 1986-869704	19860602
JP 06000779	B2	JP 1985-126626	19850610

FILING DETAILS:

PATENT NO	KIND	PATENT NO
JP 06000779	B2 Based on	JP 61286376

PRIORITY APPLN. INFO: JP 1985-126626 19850610

L25 ANSWER 29 OF 32 WPIDS (C) 2003 THOMSON DERWENT
 ACCESSION NUMBER: 1986-095688 [15] WPIDS
 DOC. NO. CPI: C1986-040726
 TITLE: New 5(4-substd.-benzyl(idene))-2,4-thiazolidone-di one
 derivs. - having blood glucose and lipid lowering

diabetes. activity, useful for treating hyperlipaemia and

DERWENT CLASS: B03
INVENTOR(S): FUJITA, T; MEGURO, K
PATENT ASSIGNEE(S): (MEGU-I) MEGURO K; (TAKE) TAKEDA CHEM IND LTD;
(HITL) HITACHI CONDENSER KK
COUNTRY COUNT: 29
PATENT INFORMATION:

PATENT NO	KIND	DATE	WEEK	LA	PG
EP 177353	A	19860409	(198615)*	EN	66
R: AT BE CH DE FR GB IT LI LU NL SE					
WO 8602073	A	19860410	(198616)	JA	
W: MC					
AU 8548176	A	19860410	(198622)		
JP 61085372	A	19860430	(198624)		
NO 8503902	A	19860428	(198624)		
DK 8504446	A	19860404	(198627)		
FI 8503796	A	19860404	(198633)		
PT 81235	A	19860717	(198640)		
WO 8606069	A	19861023	(198644)	EN	
W: MC					
HU 39439	T	19860929	(198645)		
CN 85107870	A	19860716	(198714)		
ZA 8507448	A	19870326	(198726)		
ES 8706150	A	19870816	(198736)		
US 4725610	A	19880216	(198810)		
ES 8801256	A	19880301	(198816)		
SU 1436876	A	19881107	(198922)		
CA 1263655	A	19891205	(199002)		
SU 1496634	A	19890723	(199004)		
EP 177353	B	19900411	(199015)	EN	
R: AT BE CH DE FR GB IT LI LU NL SE					
DE 3577092	G	19900517	(199021)		
JP 05070626	B	19931005	(199342)		37
KR 9202131	B1	19920312	(199344)		

APPLICATION DETAILS:

PATENT NO	KIND	APPLICATION	DATE
EP 177353	A	EP 1985-307084	19851003
WO 8602073	A	WO 1985-JP179	19850409
JP 61085372	A	JP 1985-216050	19850927
ZA 8507448	A	ZA 1985-7448	19850926
ES 8706150	A	ES 1985-547507	19851002
US 4725610	A	US 1985-783628	19851003
ES 8801256	A	ES 1986-554559	19860430
SU 1436876	A	SU 1986-4028176	19860929
SU 1496634	A	SU 1985-3966456	19851002
JP 05070626	B	JP 1985-216050	19850927
KR 9202131	B1	KR 1985-7158	19850927

FILING DETAILS:

PATENT NO	KIND	PATENT NO
JP 05070626	B Based on	JP 61085372

PRIORITY APPLN. INFO: WO 1984-JP466 19841003; WO 1985-JP179
19850409

L25 ANSWER 30 OF 32 WPIDS (C) 2003 THOMSON DERWENT
ACCESSION NUMBER: 1986-036993 [06] WPIDS
DOC. NO. CPI: C1986-015549
TITLE: Ophthalmic topical agent for diseases of iris and
ciliary body - contg. 5-(3-ethoxy-4-pentyloxy
phenyl)-2,4-thiazolidine-di one or its salt.
DERWENT CLASS: B03
INVENTOR(S): AWATA, T; KAWAMATSU, Y; MAENAKA, T
PATENT ASSIGNEE(S): (SENP) SENJU PHARM CO; (TAKE) **TAKEDA CHEM IND LTD**
COUNTRY COUNT: 7
PATENT INFORMATION:

PATENT NO	KIND	DATE	WEEK	LA	PG
EP 170237	A	19860205	(198606)*	EN	14
R: DE FR GB IT					
JP 61043114	A	19860301	(198615)		
US 4602026	A	19860722	(198632)		
CA 1265057	A	19900130	(199009)		
JP 02007574	B	19900219	(199011)		
EP 170237	B	19910116	(199103)		
R: DE FR GB IT					
DE 3581332	G	19910221	(199109)		

APPLICATION DETAILS:

PATENT NO	KIND	APPLICATION	DATE
EP 170237	A	EP 1985-109476	19850727
JP 61043114	A	JP 1984-163923	19840803
US 4602026	A	US 1985-762747	19850730

PRIORITY APPLN. INFO: JP 1984-163923 19840803

L25 ANSWER 31 OF 32 WPIDS (C) 2003 THOMSON DERWENT
ACCESSION NUMBER: 1985-238339 [39] WPIDS
DOC. NO. CPI: C1985-103172
TITLE: New pyridyl ethoxy benzyl-thiazolidine-di one cpds. -
useful in treatment of diabetes and hyperlipaemia.
DERWENT CLASS: B03
INVENTOR(S): FUJITA, T; MEGURO, K
PATENT ASSIGNEE(S): (TAKE) **TAKEDA CHEM IND LTD**
COUNTRY COUNT: 16
PATENT INFORMATION:

PATENT NO	KIND	DATE	WEEK	LA	PG
EP 155845	A	19850925	(198539)*	EN	29
R: AT BE CH DE FR GB IT LI LU NL SE					
WO 8504170	A	19850926	(198540)	JA	
W: MC US					
WO 8504171	A	19850926	(198540)	JA	
W: MC US					
JP 60208980	A	19851021	(198548)		
US 4582839	A	19860415	(198618)		

CA 1263961 A 19891219 (199004)
JP 05070633 B 19931005 (199342) 11

APPLICATION DETAILS:

PATENT NO	KIND	APPLICATION	DATE
EP 155845	A	EP 1985-301895	19850319
WO 8504170	A	WO 1984-JP117	19840321
WO 8504171	A	WO 1984-JP445	19840914
US 4582839	A	US 1985-711536	19850307
JP 05070633	B	JP 1985-41584	19850301

FILING DETAILS:

PATENT NO	KIND	PATENT NO
JP 05070633	B Based on	JP 60208980

PRIORITY APPLN. INFO: WO 1984-JP117 19840321; WO 1984-JP445
19840914

L25 ANSWER 32 OF 32 WPIDS (C) 2003 THOMSON DERWENT
ACCESSION NUMBER: 1966-12675F [00] WPIDS
TITLE: 2 4-thiazolidinedione derivs.
DERWENT CLASS: B00
PATENT ASSIGNEE(S): (TAKE) TAKEDA CHEM IND LTD
COUNTRY COUNT: 1
PATENT INFORMATION:

PATENT NO	KIND	DATE	WEEK	LA	PG
JP 39010345	B		(196800)*		

PRIORITY APPLN. INFO: JP 1961-30615 19610823